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# **Automated Information Systems (AIS)**

## **References**

# Outline

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- **Automated Information System (AIS) Definition**
- **Major AIS ACAT Designation**
- **ACAT IA Decision Authority**
- **Component Cost Analysis (CCA) and Economic Analysis (EA) Requirements**
- **CCA Requirement**
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# AIS Programs

## AIS Definition

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**DoDI 5000.2 Encl 2 p. 16:**

### Definition of AIS:

An Automated Information System (AIS) program is an acquisition program that acquires Information Technology (IT), except IT that involves equipment that is an integral part of a weapon or weapon system, or is an acquisition of services program.

# AIS Programs

## Major AIS Program ACAT Designation

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DoDI 5000.2 Encl 2 p. 16:

ASD (Network & Information Integration (NII)\*/DoD Chief Information Officer (CIO) shall designate Major AIS (MAIS) programs as ACAT 1AM or ACAT 1AC.

MAIS programs shall not be designated ACAT II.

### Reason for ACAT IA Designation:

MAIS: Dollar value of AIS estimated by the DoD Component Head to require  
Program costs (all appns) in any single year in excess of \$32M in FY00 constant \$,  
Total program costs in excess of \$126M in FY00 constant \$, or  
Total life-cycle costs in excess of \$378M in FY00 constant \$,  
or Milestone Decision Authority (MDA) designation as special interest.

\* Formerly ASD (C3I)

# MAIS Programs

## ACAT 1A Decision Authority

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DoDI 5000.2 Encl 2 p. 16:

Decision Authority:

ACAT 1AM: ASD (NII)\*/DoD CIO

ACAT 1AC: Component Acquisition Executive (CAE),  
as delegated by DoD CIO

\* Formerly ASD (C3I)

# MAIS Programs

## CCA and EA Requirements

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**DODI 5000.2 Encl (3) p. 21 (Regulatory Information Requirements):**

**A Component Cost Analysis (CCA) (mandatory for MAIS; as requested by CAE for MDAP\*) is required for a MAIS program any time an Economic Analysis (EA) is required either by statute or by the MDA.**

**Economic Analysis (MAIS Only) is required:**

- Milestone A (may be combined with Analysis of Alternatives)**
- Milestone B (or equivalent)**
- Full-Rate Production Design Review (or equivalent)**

**\* Major Defense Acquisition Program**

# MAIS Programs

## CCA Requirement

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**Interim Defense Acquisition Guidebook dtd Oct 30, 2002 C4.5.1.6 p. 71:**

The Principal Staff Assistant or sponsoring DoD Component shall ensure that the DoD Component also provides a cost analysis for all ACAT IA programs each time an EA is required. The DoD Component cost analysis is an independent estimate of life-cycle costs.

**OSD (PA&E) Economic Analysis Guidebook dtd May 1995, 1.2.5:**

Any AIS acquisition program that is designated a Major AIS will also require an Independent Cost Estimate (ICE) or Component Cost Analysis (CCA) ...

# MAIS Programs

## CCA Responsibility

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**DODI 5000.2 Encl (6) p. 30:**

A [OSD] CAIG ICE is not required for ACAT IA programs.

**OSD (PA&E) Economic Analysis Guidebook dtd May 1995, 1.3.1.1:**

For Major AISs, the Independent Cost Estimate (ICE) or Component Cost Analysis (CCA) are the primary responsibility of the Designated Agent.



# AIS Programs Sufficiency Review

**Interim Defense Acquisition Guidebook dtd Oct 30, 2002 C4.5.1.6 p. 71:**

The DoD Component may request a sufficiency review (SR) of the program office LCCE in lieu of conducting a full cost analysis. The MDA shall determine whether a SR is appropriate. If appropriate, the Cost WIPT shall establish the scope of the SR.

**OSD (PA&E) Economic Analysis Guidebook dtd May 1995, 1.2.5:**

An Independent Cost Estimate (ICE) is not ordinarily required for other than Major AISs, but the DoD Independent Review Authority may determine that an ICE should be performed for selected portions of the program that have particularly high cost or schedule risks. ...A Sufficiency Review (independent cost analysis of high risk cost elements) may be authorized vice an ICE.

# MAIS Programs

## Independent Cost Agent

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OSD (PA&E) Economic Analysis Guidebook dtd May 1995, 2.5:

The Independent Cost Agent (ICA) is an office or individual who is independent of the PM, and is not answerable to any individual associated directly either with the AIS program office, the Functional Area Analysis Agent (FA3), of the functional process that will be directly impacted by the AIS acquisition program or the acquisition process.

# Independent Assessments

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**Interim Defense Acquisition Guidebook dtd Oct 30, 2002 C7.6.7 p. 116:**

**Assessments, independent of the developer and the user, ensure an impartial evaluation of program status. Consistent with statutory requirements and good management practice, the DoD shall require independent assessments of program status (e.g., ICE or technology readiness assessment). Senior acquisition officials shall consider these assessments when making acquisition decisions. Staff offices that provide independent assessments shall support the orderly and timely progression of programs through the acquisition process. IPTs shall have access to independent assessments to enable full and open discussion of issues.**

# Cost Integrated Product Team (IPT)

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Interim Defense Acquisition Guidebook dtd Oct 30, 2002 C7.6.6 p. 116:

ACAT ID and ACAT IAM (as required) programs shall establish a Cost/Performance IPT. The team shall include representatives of the user, costing, analysis, and budgeting communities, at minimum, and include other members as and when appropriate, including industry or contractors, consistent with statute and the policy in paragraph C7.6.3. Normally, the PM or the PM's representative shall lead the Cost/Performance IPT.